MIL-S-19500/536(USAF)
AMENDMENT 3
8 September 1987
SUPERSEDING
AMENDMENT 2
7 February 1986

MILITARY SPECIFICATION

SEMICONDUCTOR DEVICE, TRANSISTOR, NPN, SILICON, POWER
TYPES 2N6671, AND 2N6673, JAN, JANTX, AND JANTXV

This amendment forms a part of MIL-S-19500/536(USAF), dated 22 October 1980, and is approved for use within the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

* 1.4 Primary electrical characteristics, switching parameters column: Delete "_s" and add "μs".

PAGE 5

TABLE I, subgroup 5, safe operating area (clamped switching), method column: Add "3053".

* TABLE I, subgroup 5, safe operating area (clamped switching), conditions column: Add "Load Condition B, R_{BB1} = 5Ω, R_{BB2} = 1.5Ω, V_{BB1} = 10 V max, V_{BB2} = 5 V, L = 170μH, R of inductor = .05 and R_{Load} = R of inductor." Delete "figures 5 and 6" and substitute "figure 5".

PAGE 6

TABLE II, subgroup 5, thermal resistance, conditions column: Delete "4.5.3" and subsitute "4.5.2".

PAGE 7

* TABLE II, subgroup 7, safe operating area, (clamped switching destructive), conditions column: Delete "figures 5 and 6" and substitute "figure 5". Add "Load Condition B, R_{BB1} = 5Ω, R_{BB2} = 1.5Ω, V_{BB1} = 10 V max, V_{BB2} = 5 V, L = 170μH, R of inductor = .05Ω, R_{Load} = 25Ω, and duty cycle $\leq$ 5%."

Method column: Add "3053".

PAGE 8

* TABLE III, subgroup 6, Steady-state operation life, conditions column: Delete "V_{CB} = 20 Vdc" and substitute "V_{CB} = 25 V dc ±5".

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FIGURE 6: Delete in its entirety.

NOTE: The margins of this amendment are marked with asterisks to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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